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Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office						Atty. Docket No. 50888XA CCD	Serial No. 10/672,353					
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)								Applicants: Y. IDE et al.						
								Filing Date 09/25/2003	Group 1765					
U.S. PATENT DOCUMENTS														
Examiner Initial		Document Number			Date	Name	Class	Subclass	Filing Date if Appropriate					
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FOREIGN PATENT DOCUMENTS														
		Document Number			Date	Country	Class	Subclass	Translation					
<i>JP</i>		6	3	3	2	6	6	12/2/94	Japan	<i>✓</i>	<i>✓</i>	Abst		
<i>JP</i>		5	2	1	7	2	1	8/27/93	Japan	<i>✓</i>	<i>✓</i>	Abst		
<i>JP</i>		5	1	8	5	7	3	1	7/27/93	Japan	<i>✓</i>	<i>✓</i>	Abst	
<i>JP</i>		4	2	3	2	7	7	9	8/21/92	Japan	<i>✓</i>	<i>✓</i>	Abst	
<i>JP</i>		4	0	1	0	9	7	9	1/16/92	Japan	<i>✓</i>	<i>✓</i>	Abst	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
EXAMINER	<i>b</i>	DATE CONSIDERED								<i>2/18/04</i>				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														



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FORM PTO-832 (REV. 2-82)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO.	GROUP/ART UNIT	ATTACHMENT TO PAPER NUMBER
			08/621,681	8204	7
NOTICE OF REFERENCES CITED					

Ide et al.

## U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
A	5 2 9 8 3 0 5 3 -94		Shinogukawa et al.	428	64	
B	5 5 2 3 1 4 0 6 -96		Tominaga et al	428	64.1	
C						
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG	PP. SPEC.
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## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER	DATE
<i>John W. Nease</i>	8/12/97
3/16/06	
A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, section 707.05 (a).)	

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Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 50888 CCD	Serial No. 08/622,681
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		Applicant Yukio IDE et al.	
		Filing Date March 26, 1996	Group

## U.S. PATENT DOCUMENTS

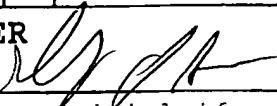
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5 1 5 6 6 9 3	10/1992	Ide et al.			
	AB	5 1 0 0 7 0 0	03/1992	Ide et al.			
	AC	5 0 2 4 9 2 7	06/1991	Yamada et al.			
	AD	5 0 1 1 7 2 3	04/1991	Harigaya et al.			
	AE	5 0 8 0 9 4 7	01/1992	Yamada et al.			
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## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	Yes	No
	AL								
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER  DATE CONSIDERED 3/16/06

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<i>Notice of References Cited</i>		Application No. 08/979,293	Applicant Ide et al.
		Examiner Martin J. Angebranndt	Group Art Unit 1752

## U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,095,479	3/1992	Harigaya et al.	430	270.13
B	5,569,517	10/1996	Tominaga et al.	369	275.2
C	5,785,828	7/1998	Yamamda et al.	428	64.5
D	5,736,657	4/1998	Ide et al.	430	270.13
E	5,498,507	3/1996	Handa et al.	430	945
F	5,156,693	10/1992	Ide et al.	346	135.1
G	5,234,803	8/1993	Raychaudhuri	430	270.13
H	5,298,305	3/1994	Shinozuka et al.	428	64.6
I	5,100,700	3/1992	Ide et al.	428	64.6
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
	05-185731	7/1993	Japan	Ide et al.	430	270.13
O	04-191089	7/1992	Japan	Iwasaki et al.	430	270.13
P	05-098519	4/1993	Japan	Ide et al.	430	270.13
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## NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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X	<i>Dodd Jr</i> 3/16/06	

18/62,353

<i>Notice of References Cited</i>	Application No.	Applicant	Ide et al.
	08/979,293	Martin J. Angebranndt	Group Art Unit 1756

## U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N	04-078031	3/1992	Japan	Ide et al.	430	270.13
O	06-333266	12/1994	Japan	Kageyama et al.	430	270.13
P						
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## NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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PTO-1449	Atty.Dkt.No.	Serial No.
U.S. Department of Commerce	50888Z CCD	08/979,293
Patent and Trademark Office	Applicants	
	Yukio IDE et al.	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)	Filing Date	Group
	Nov 26, 1997	1752

**U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		5 1 8 5 7 3 3	07/1993	Japan			abstract	
		5 1 8 2 2 3 8	07/1993	Japan			abstract	
		5 3 4 5 4 7 8	12/1993	Japan			abstract	

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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<i>Notice of References Cited</i>		Application No. 08/979,293	Applicant Ide et al.
		Examiner Rodney McDonald	Group Art Unit 1763
		Page 1 of 1	

## U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,882,493	3/1999	Iwasaki et al.	204	298.13
B	5,156,693	10/1992	Ide et al.	148	403
C	5,234,803	8/1993	Raychaudhuri	430	495
D	5,298,305	3/1994	Shinozuka et al.	428	64
E	5,498,507	8/1996	Handa et al.	430	723.1
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## FOREIGN PATENT DOCUMENTS

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## NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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18/672,353

<b>Notice of References Cited</b>		Application/Control No.	Applicant(s)/Patent Under Reexamination IDE ET AL.	
		09/956,637	Examiner	Art Unit
		Daniel J. Jenkins	1742	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-6,280,684	08-2001	Yamada et al.	419/54
B	US-			
C	US-			
D	US-			
E	US-			
F	US-			
G	US-			
H	US-			
I	US-			
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K	US-			
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M	US-			

**FOREIGN PATENT DOCUMENTS**

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
N					
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**NON-PATENT DOCUMENTS**

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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*W. J. Jenkins* 3/16/06  
 \*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.